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# IEC TC57 WG16

## MAINTENANCE REQUEST

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### Maintenance notice:

This template needs to be completed and sent to: [WG16Part301@iectc57.org](mailto:WG16Part301@iectc57.org)

#### Rules:

All participants in the IEC TC 57 WG16 may issue a Maintenance Request concerning IEC TC 57 WG16 documents, UML models or code components. This document defines the form that is to be used to submit such a request.

General guidelines for the Maintenance Request submission:

- The form is to be completed with all the necessary information.
- All associated documents required for the understanding of the Maintenance Request are to be provided.
- It is highly recommended to provide a presentation describing the use cases and why a change to an existing standard is necessary. Each use case must relate to an ongoing or upcoming project (American, European or National project). Valuable contextual information must be provided such as European regulations or directives, project specifications, and so on.
- If needed the requester can be invited to present their Maintenance Request to IEC TC57 WG16. Failing that an IEC TC57 WG16 member should champion the Maintenance Request so that any questions raised may be immediately resolved.

The IEC TC57 WG16 Convener will inform the submitter when the Maintenance Request is to be reviewed by the WG 16.

The Maintenance Request shall be provided to IEC TC57 WG16 Members and Corresponding Members at least one week prior to its presentation for approval.

The Maintenance Request will be debated within IEC TC57 WG 16 and its Members shall state:

- If the Maintenance Request is to be rejected and the reason of rejection.
- If the Maintenance Request is accepted.
- If the Maintenance Request is accepted with changes.

All decisions shall be obtained through consensus<sup>1</sup>.

In all cases, the requester shall be informed of the IEC TC57 WG 16 decision.

Accepted Maintenance Requests, before being implemented in the existing standards, shall be updated in a common excel sheet.

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<sup>1</sup> ISO definition of Consensus: “general agreement, characterized by the absence of sustained opposition to substantial issues by any important part of the concerned interests and by a process that involves seeking to take into account the views of all parties concerned and to reconcile any conflicting arguments”.

## 1 General Information

Date of submission:	18/01/2023
Submitter Name:	Jan Owe
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Maintenance Request ID	ebIX® 2022/015
Maintenance Request Version	3 (update date 15/03/2023)
Maintenance Request title	Add the phaseCount attribute to the MarketEvaluationPoint class in ESMP (IEC62325-351 / ESMPClasses / MarketEvaluationPoint).

## 2 Description of the issue (Business requirements, use cases...)

### 2.1 Background and UseCases

There is a need for a phaseCount attribute by the European downstream (retail) energy market. The phaseCount attribute will be used to tell the number of phases at a Metering Point or “installation” (integer).

There is already a phaseCount attribute available in the latest version of TC57CIM/IEC62325/MarketManagement/MarketEvaluationPoint class (version 14).

The attribute is among others used in the [ebIX® BRS for Alignment of Accounting Points characteristics](#), however there the attribute is called “Number of phases”.

## 3 Possible impacts on profiles (ESMP or profiles based on ESMP)

Addition of the phaseCount attribute to the MarketEvaluationPoint class in ESMP (IEC62325-351 / ESMPClasses / MarketEvaluationPoint).

## 4 Description of the update

### 4.1 This request applies an update of IEC 62325-301 (If yes, please fill the points below)

No changes to IEC 62325-301 needed.

### 4.2 Description of update of IEC 62325-351 (If yes, please fill the points below)

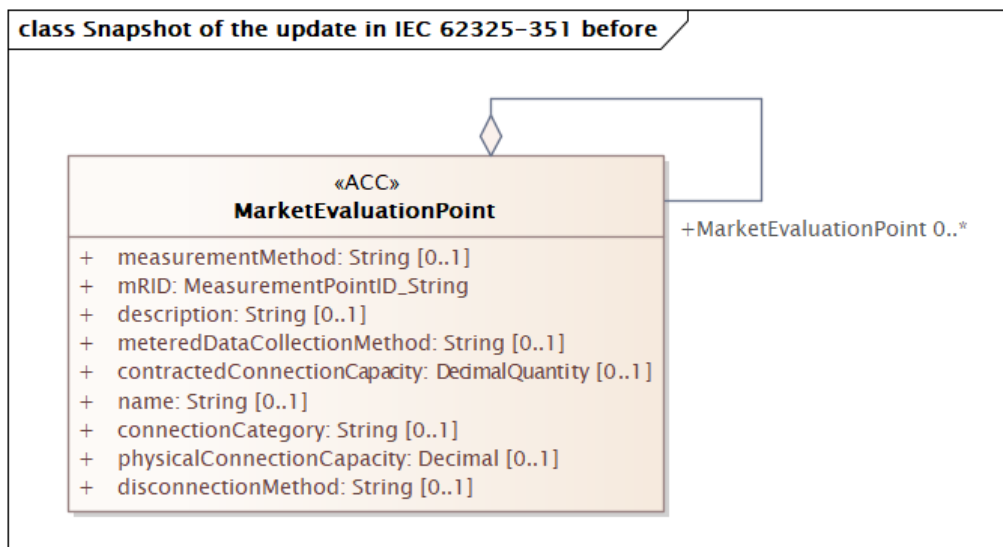
#### 4.2.1 Description of the change/update

Add the phaseCount attribute to the MarketEvaluationPoint class in ESMP (IEC62325-351/ESMPClasses/MarketEvaluationPoint). The datatype of the phaseCount attribute is suggested to be “«primitive» Integer”.

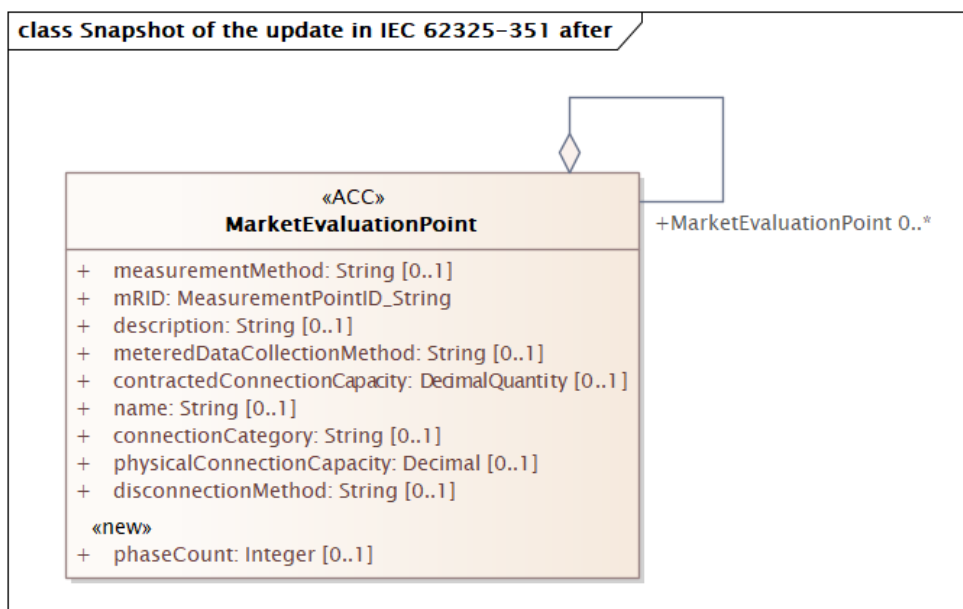
#### 4.2.2 Reference to XMI (Optional)

None.

#### 4.2.3 Snapshot of the update in IEC 62325-351 before



#### 4.2.4 Snapshot of the update in IEC 62325-351 after



##### 4.2.4.1 Class and attributes descriptions

The attribute definition from the TC57CIM/IEC61968/InfIEC61968/InfAssetInfo/CompositeSwitchInfo/phaseCount attribute, is:

Supported number of phases, typically 0, 1 or 3.

This definition is proposed copied to the new phaseCount attributes in 62325 and ESMP.

## 5 Final agreement

**Conclusion:** Agreed by the Group members & decided to forward the request to WG 16.